

IN THE CLAIMS

Claims 1-17 (Canceled)

18. (previously presented): A stent coated with 3-deazaadenosine or an analog of 3-deazaadenosine selected from the group consisting of a salt of 3-deazaadenosine and a precursor of 3-deazaadenosine which can be degraded to 3-deazaadenosine in the body under physiological conditions.

19. (currently amended): The stent of claim 18 36, wherein said analog of deazaadenosine is selected from the group consisting of 3-deazaadenosine-3'-monophosphoric acid, 3-deazaadenosine-3'5'-cyclophosphate and 3-deazaadenosine-5'-diphosphoric acid.

20. (currently amended): The stent of claim 18 36, wherein said 3-deazaadenosine or analog of 3-deazaadenosine is covalently bound to the stent.

21. (currently amended) A method of preventing in-stent restenosis, reperfusion ~~repurfusion~~ injuries or treating and preventing infectious and inflammatory coronary syndromes, dilated cardiomyopathy, viral myocarditis or infections by parasites by implanting the stent of claim 18 36 in a patient in need thereof.

22. (currently amended): The method of claim 21 39, wherein ~~the condition is~~ in-stent restenosis is prevented.

Claims 23-25 (canceled)

26. (new) The stent of claim 18, wherein said analog of deazaadenosine is 3-deazaadenosine-3'-monophosphoric acid.

27. (new) The stent of claim 18, wherein said analog of deazaadenosine is 3-deazaadenosine-3'5'-cyclophosphate.

28. (new): The stent of claim 18, wherein said analog of deazaadenosine is 3-deazaadenosine-5'-diphosphoric acid.

29. (new) The stent of claim 26, wherein said analog is covalently bound to the stent.
30. (new) The stent of claim 27, wherein said analog is covalently bound to the stent.
31. (new) The stent of claim 28, wherein said analog is covalently bound to the stent.
32. (new) A method of preventing reperfusion injuries comprising implanting the stent of claim 18 in a patient in need thereof.
33. (new) A method of treating an infectious coronary syndrome comprising implanting the stent of claim 18 in a patient in need thereof.
34. (new) A preventing an infectious coronary syndrome comprising implanting the stent of claim 18 in a patient in need thereof.
35. (new) A method of treating an inflammatory coronary syndrome comprising implanting the stent of claim 18 in a patient in need thereof.
36. (new) A method of preventing an inflammatory coronary syndrome comprising implanting the stent of claim 18 in a patient in need thereof.
- 37 (new) A method of treating dilated cardiomyopathy comprising implanting the stent of claim 18 in a patient in need thereof.
38. (new) A method of preventing dilated cardiomyopathy comprising implanting the stent of claim 18 in a patient in need thereof.
39. (new) A method of treating viral myocarditis by implanting the stent of claim 18 in a patient in need thereof.
40. (new) A method of preventing viral myocarditis by implanting the stent of claim 18 in a patient in need thereof.